

a decimation pattern information storing unit that stores ~~unit storing~~
decimation pattern information set in correlation with the counted value of the given
component, the output control signal being generated based on the counted value of the given
component and the decimation pattern information.

3. (Currently Amended) An image data reducing device reducing YUV image
data, comprising:

a reduced image data generating circuit that receives input YUV image data
~~that is input so that data, the input YUV image data being configured such that~~ data of each
component of YUV has a series relationship with each other, ~~and that generates the reduced~~
image data generating circuit generating reduced YUV image data ~~after being reduced~~ so as to
output the reduced YUV image data ~~after reduced data~~; and

an output control signal generating circuit that generates ~~circuit generating an~~
output control signal that controls whether each component of ~~YUV~~ of the input YUV image
data is output or not based on a decimation pattern of input component that is determined
depending on a format of the input YUV image data and a reduction ratio,

the reduced image data generating circuit including a switching circuit that
controls a presence of output for each component of the input YUV image data being input in
series based on the output control ~~signal; signal~~.

the output control signal generating circuit including:

a counting circuit that counts input of Y component, ~~and that resets the~~
counting circuit resetting counted value in the case where the counted value of Y component
reaches a reciprocal number of the reduction ratio so as to restart counting, based on
information about the format of the input YUV image data and information about the
reduction ratio; and

a decimation pattern information storing unit that stores decimation pattern information set in correlation with the counted value of the of Y component; and

the output control signal being generated based on the counted value of the Y component and the decimation pattern information.

4. (Currently Amended) The image data reducing device according to ~~Claim 1~~ Claim 3,

the reduced image data generating circuit including a common data storing unit that retains the other components or UV component that is input and has data common to a plurality of pixels, the reduced image data generating circuit generating reduced image data by using data stored in the common data storing unit based on the output control signal; and

the output control signal generating circuit that determines whether reduced image data is generated by using data stored in the common data storing unit or not, based on the counted value of the Y component and the decimation pattern information, the output control signal generating circuit generating the output control signal directing to generate reduced image data by using data stored in the common data storing unit in a case where generating of reduced image data by using data stored in the common data storing unit is determined.

5. (Previously Presented) The image data reducing device according to Claim 1, input data being received as parallel data with bandwidth equal to a bit number of each component; and

the reduced image data generating circuit controlling a presence of output for each bit of the parallel data base on the output control signal.

6. (Previously Presented) The image data reducing device according to Claim 1, a reduction ratio setting register setting reduction ratio information being included; and

reduction ratio being determined based on the reduction ratio information set in the reduction ratio setting register.

7. (Previously Presented) The image data reducing device according to Claim 1, a format information setting register setting format information of input image data being included; and

a format of input image data being determined based on the format information set in the format information setting register.

8. (Previously Presented) A micro computer comprising the image data reducing device according to Claim 1.

9. (Previously Presented) An electronic apparatus, comprising:
the micro computer according to Claim 8;
an input device that inputs data to be processed by the micro computer; and
LCD output device that displays data that has been processed by the micro computer.